



Siltronic - Memorandum Regarding Longevity of Zero Valent Iron

James Peale

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09/09/2011 03:00 PM

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1 Attachment



Mf-ZVI Longevity and Rebound.pdf

Good afternoon Dana –

In response to DEQ's request of May 23, 2011, we are providing the attached memorandum which provides ranges of the operation lifetime of the zero-valent iron component of the EHC material in the context of understanding the potential for TCE rebound at the Siltronic site. Based on site data and the EHC manufacturer's information regarding ZVI consumption, the lifetime of the ZVI component at Siltronic is conservatively estimated to be between 10 and 21 years, such that it is not reasonably likely to anticipate rebound due to total consumption of ZVI until sometime after 2019.

We look forward to any questions or comments regarding this or other submittals.

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